ASSA CLIQ® Remote

Access at a distance

What is ASSA CLIQ® Remote?

In today's security conscious world, a locking system that is totally flexible and yet easy-to-use is an obvious choice for those looking for an innovative security solution.

ASSA CLIQ® Remote is a security locking system with high-end micro-electronics, programmable keys and cylinders.

It combines the latest mechanical platform with an advanced electronic function to provide flexible control of keys, access rights and audit trails.

ASSA CLIQ® Remote has been designed to combine the advantages of access control and mechanical key systems, making it ideal for geographically spread businesses.
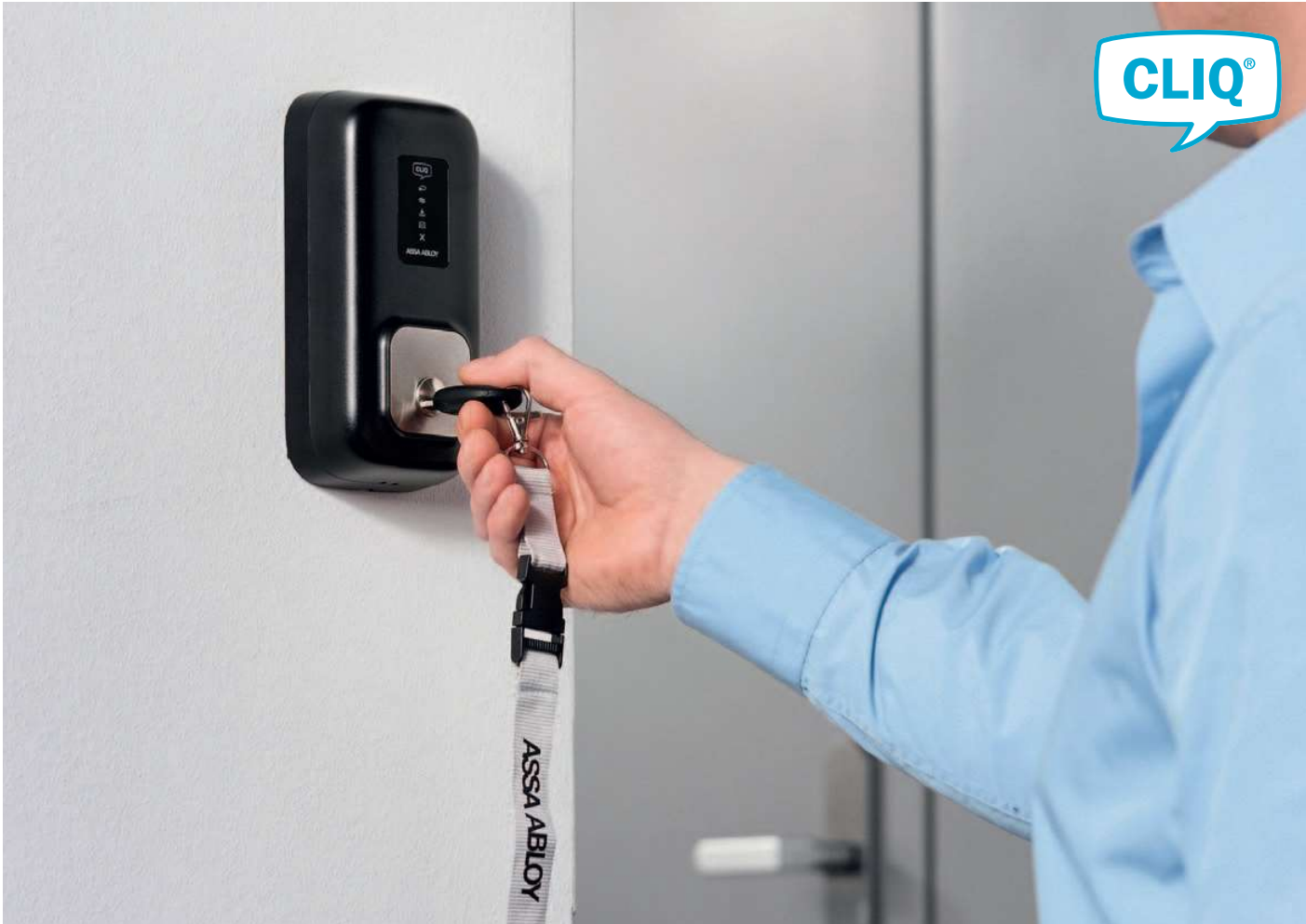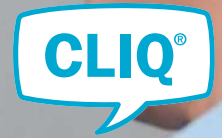
ASSA CLIQ® Remote is a wireless system which allows you to give key holders – regardless of location – remote access to a building.

Each key can be programmed and updated individually. This means key holders have access only to the areas relevant to them and during their allocated times and/or dates.

ASSA CLIQ® Remote is flexible so you can update or change permissions for key holders, as frequently as required.

Key holders update their ASSA CLIQ® Remote keys using a wall or mobile programming device, for the changes to take place.

The system is managed using the online ASSA CLIQ® Remote Web Manager. software. This intuitive tool makes it simple to manage access rights, enable or disable keys and customise access schedules, either on site or on the go.

Smart and safe keys

- Control authorisation on keys with schedules for times and days
- Validation of keys increases security if a key is lost

Access at distance, total flexibility

- Time saving and easy administration via internet/intranet
- Multiple administrator and different administrator rights
- Remote validating with PDs

Electro and mechanical, unique level of security

- Different security levels
- Patented keys
- Cost-effective solutions
- Possibility of adding padlocks to the system

Easy installation

- No cables needed
- Easy to move cylinders if office locations change
- No impact on fire rating

Audit trail, total control

- Openings and attempts of opening
- Easy investigation – all openings and attempts are stored in the ASSA CLIQ® Remote Web Manager

Software services

- Always updated
- Centralised server

Features and benefits
of ASSA CLIQ® Remote

ASSA CLIQ® Remote is easily adapted to the needs and risks of any operation

It's rare that you will need the same level of security on all doors in a building. With ASSA CLIQ® Remote you can have different security levels in a single master key system, without users needing multiple keys.

Higher security is usually needed for external doors or doors to sensitive areas such as IT rooms, R&D departments and storage facilities. Rooms that do not require the same high level of security can be fitted with cylinders that provide lower security, but still use the same key, resulting in a cost-effective locking system.

Smart administration with a user-friendly web interface

ASSA CLIQ® Remote cylinders and keys are programmed using the ASSA CLIQ® Remote Web Manager software, an online programme which doesn't require any additional software to be installed locally.

Keeping the system online and backed up on ASSA ABLOY's server ensures that administrators are always working in the latest version and regular backups of the database are stored.

Freedom to easily administer the system anytime and anywhere.

Total audit trail of who accessed which lock and when.

Key with audio-visual indication and fast opening for easier use.

Customised software integration possibilities to third party solutions.

Cost-effective use of resources for operations

Eliminates the need to return to the administrator to update keys or replace batteries.

Reduced operational costs due to easy, wire-free installation.

Power supply by battery in the key as standard.

Reduced IT infrastructure costs due to ASSA ABLOY software as a service solution.

Security

Minimises the risks associated with lost keys.

Improved security due to flexible access and key management.

Core components

User key

In addition to mechanical combinations, the user key also contains electronics for identification and a battery power supply. All keys have a time function and can be controlled with a schedule. Battery life 3-5 years depending on usage.

Master and setup key

The system operator key is used to log into the software and to programme keys in cylinders. It can carry information such as customisation of authorisations and/or read-out of the cylinder's history.

Wall PD

The device is used to allow users to update their key authorisations without contacting the administrator. The device is also available in a vandal-resistant version that can also withstand challenging outdoor and indoor environments, with protection against shocks, moisture, dust and water.

Mobile PD

Mobile PD is a key updater that can be personally carried and synchronised with a smart phone or PC. Battery life 20,000 - 35,000 operations depending on usage.

Electromechanical cylinders

SSF certified cylinder meets the requirements of SSSF3522, Class 3 and EN1303 Grade 6 and EN 14846.

Mechanical cylinders

SSF certified cylinder meets the requirements of SSSF3522, Class 3 and EN1303 Grade 6 and EN 14846.

Power supply

Lithium battery standard type CR2025.
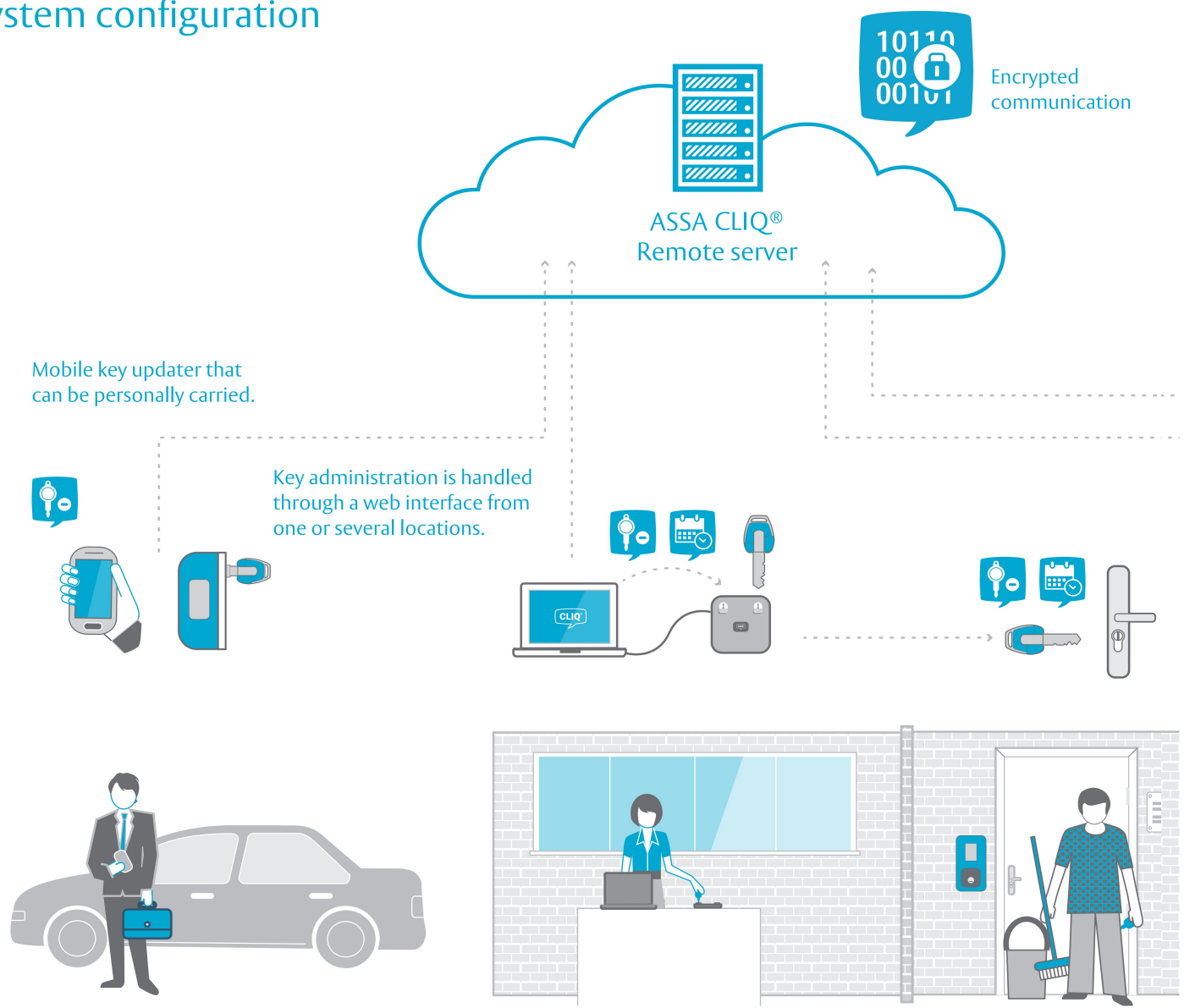
Terminal

Device for programming and start up of cylinders and keys with ASSA CLIQ® Remote function.

Online software

ASSA CLIQ® Remote Web Manager offers advanced security and convenient access to web-based management software.

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System configuration

10110 00 00101 Encrypted communication

ASSA CLIQ®
Remote server

Mobile key updater that can be personally carried.

Key administration is handled through a web interface from one or several locations.

CLIQ

Administration

Administration tools allow us to manage all the system and to program permissions, schedules and times.

ASSA CLIQ®
Remote
Web Manager

Administrator
keys

Login
terminal

Updaters

Programming devices or updaters that allow the key user to update the information in the key (permission, schedule, etc.).

Mobile key
updater

Wall mounted
key updater

Vandal-resistant
key wall updater

ASSA CLIQ® Remote allows authorisations and updates from administrators to be sent to users across geographically scattered locations. Users synchronise their keys in the key updater.
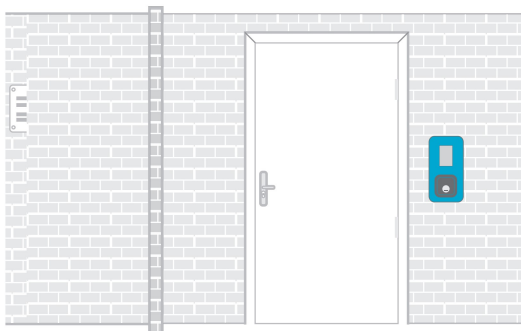
Key updaters can be located in several places depending on the activity.
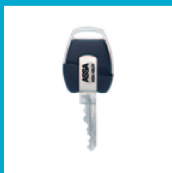
Vandal-proof key updating device for installation outdoors and in challenging environments.

Authorisation to objects can be remotely controlled.

Electromechanical locking

Electromechanical key where we have all the information and the range of cylinders that are compatible with the system.

ASSA CLIQ®
Remote key

Padlock with
ASSA® CLIQ
Remote

Cylinder with
ASSA® CLIQ
Remote

Mechanical locking

It is compatible with both electromechanical locking systems.

Mechanical key

Mechanical
cylinder

Padlock with
cylinder

Social housing

Taking control of void Social Housing property access offers the landlord many benefits. By ensuring that contractors have the correct access to properties at correct times, costly wasted site visits are eliminated.

Loss reduction is also achieved by being able to lock properties down during non-working hours. With ASSA CLIQ® Remote's full audit trail facility proof of access is assured, providing a major deterrent against theft.

As a result, the major task of managing void property keys is greatly simplified by increasing accountability as well as reducing losses.

Rotherham Metropolitan Borough Council

Project
Company: Rotherham Metropolitan Borough Council (www.rotherham.gov.uk)
Type: Public services/public housing
Location: Rotherham, South Yorkshire, England
Year of installation: 2015

ASSA CLIQ® Remote devices installed:
Over 300 dp cylinders, over 150 keys and 4 wall programme devices

Challenge
Rotherham Metropolitan Borough Council (RMBC) is the local government authority for Rotherham, England.

Another critical part of RMBC work involves administering public housing, including overseeing changes of tenant. Inevitably, properties stand vacant between tenancies, while different staff carry out work and checks on the property.

At this time, keys must pass securely between staff from multiple departments as well as contractors. RMBC identified key handover as a major bottleneck in their property workflow.

They sought a new locking system that could:

- **Upgrade the security of vacant properties spread across Rotherham, particularly as the risk of crime and vandalism increases when houses are empty**
- **Flexible access right management**
- **Streamline key management to ensure properties stood empty for less time**
- **Make more efficient use of the council's limited housing security budget**

"The new system and RMBC's lean working practices have delivered essential cost efficiencies, to the sum of approximately £60,000 a year in terms of additional rent and council tax from tenants in properties that would have otherwise remained empty for longer periods of time."

Tom Bell, Interim Assistant Director for Housing at RMBC

Solution
By eliminating altogether the need for physical key handover, ASSA CLIQ® Remote technology instantly removed workflow delays.

With no wiring needed, ASSA CLIQ® Remote cylinders are quick to install. The user brings power to the door, because secure lock microelectronics are powered by a standard lithium battery inside every programmable ASSA CLIQ® Remote key.

Now, relevant staff members carry their own programmable key. Using the ASSA CLIQ® Remote Web Manager, security administrators issue the keys with the exact authorisations everyone needs remotely via wall programming devices. Access rights for a key can be amended at any time – and from anywhere with a web connection.

There's no more key swapping, saving staff time and the council money. It's also easier to manage out-of-hours contractors, because RMBC can program keys to work for a limited time-period. The result: a streamlined workflow, with fewer tenant delays, properties empty for less time, and lower RMBC admin costs.

Leisure

Leisure facilities require a flexible locking system capable of securing large public spaces, whilst allowing access by contract and permanent staff, to specific areas at pre-defined time periods, through day and night, 7 days a week.

Traditional mechanical key systems place a huge burden on security and administration staff. Keeping track of keys held by hundreds of staff and contractors can be a full time job. ASSA CLIQ® Remote Web Manager software allows them to de-authorise any lost key or change a key's permission at any time, anywhere.

The ASSA CLIQ® Remote solution is very cost effective to install without the need for expensive cabling that can cause disruption to existing infrastructure.

Twycross Zoo

Project
Company: Twycross Zoo (www.twycrosszoo.org)
Type: Visitor attraction / public space
Location: East Midlands, England
Years of installation: 2015 – 2016

ASSA CLIQ® devices installed:
13 x ASSA dp ASSA CLIQ® Remote padlocks, 1 x ASSA dp ASSA CLIQ® Remote Euro Profile single cylinder, 20 x ASSA dp Scan Oval cylinder (mechanical), 15 x ASSA dp ASSA CLIQ® Remote User Keys, 2 x ASSA CLIQ® Remote Wall Updaters

Challenge
Twycross Zoo is an internationally renowned primate conservation with a wide variety of monkeys and all 4 types of great ape. In March 2015, the zoo announced the launch of a £55 million plan to develop its site over the coming 20 years. A new, flexible key based access solution was at the heart of a future vision for zoo security.

Essential requirements for any new installation included:

- **Access control functions that would offer a significant upgrade on the previous master-key suite dependable security for the site's many staff and visitors**
- **The ability to admit zookeepers and vets securely outside of normal operating hours**
- **A system that would eliminate the security threat posed by lost keys, or those copied without authorisation**
- **A future-proofed system that matched the management's vision for the next 2 decades of zoo operation**

"The ASSA CLIQ® Remote system has allowed the zoo to operate more efficiently."

Chris Bowles, Director at Rossells

"We have plans to install ASSA CLIQ® Remote across the whole zoo, as we redevelop the site."

Claire Oldham, Director of Discovery and Learning, Twycross Zoo

Solution
The Twycross Zoo development team worked closely with trusted ASSA CLIQ® Remote Centre Rossells to select the right key management solution. They chose ASSA CLIQ® Remote, which was installed at the zoo's Gibbon habitat.

This simple, intelligent mechatronical locking system with programmable locks and keys has immediately improved security and access for all site users. Now, access rights of any lost key can be revoked. Generating a detailed audit trail for a key or lock is straightforward.

With ASSA CLIQ® Remote, only staff with the necessary authority and training can access animal enclosures. It's also easy for system administrators to issue time-defined user keys via the web-based management software. These can permit vets or keepers access to the enclosures for a specific time period outside regular opening hours – for example, during an emergency. When the time period expires, the key no longer works.

Education

Educational establishments generate a wide variety of challenges for any locking system. ASSA CLIQ® Remote fulfils the need for a secure environment in establishments of all sizes and layouts without compromising the freedom of movement for staff and students.

As well as main entrances, there are many other areas that require controlled access. These include exam stores, plant rooms, IT rooms and dangerous chemical stores. ASSA CLIQ® Remote can easily be deployed site-wide with no disruption to educational activities.

ASSA CLIQ® Remote ensures controlled access can be quickly and easily implemented across a whole campus or size and also provides staff with secure, out of hour's access.

Loughborough University

Project
Company: Loughborough University (www.lboro.ac.uk)
Type: Education
Location: Loughborough, England
Year of installation: 2015

ASSA CLIQ® Remote devices installed:
100 ASSA CLIQ® Remote cylinders,
6 wall programming devices (so far)

Challenge
Highly regarded for its sporting facilities and sports education, Loughborough University is ranked among the top 13 in all three major UK university rankings.

Access-controlled areas around its campus are diverse, with a balance between security and accessibility required for each one. They include lecture theatres, offices, labs, treatment facilities and student accommodation, as well as the new National Centre for Sport and Exercise Medicine East Midlands (NCSEM).

The university entrusted ASSA with creating a new, consistent and overarching security design manual, for NCSEM and other buildings.

As part of the process, they sought a locking solution that would:

- **Ensure security is consistent across the campus**
- **Enable easy, secure and flexible access rights management**
- **Bring existing and new locks and master keys into one integrated system**
- **Give priority to student safety and security**

"ASSA were able to provide the solutions for the building to work efficiently."

Phil Sheppard, Capital Projects, Loughborough University

Solution
"The safety of our students is always paramount," explains Loughborough University's Phil Sheppard. "So it was crucial we worked with a trusted manufacturer."

A key part of the new security design is ASSA CLIQ® Remote mechatronic locking technology. To date, around 100 ASSA CLIQ® Remote cylinders have been installed, alongside 6 ASSA CLIQ® Remote wall programming devices for remote updating of user keys and access rights. Up to 5,000 doors will be potentially targeted for integration with the ASSA CLIQ® Remote system.

No extra wiring is needed, because locks are powered by a battery inside the programmable ASSA CLIQ® Remote key. With ASSA CLIQ® Remote, building managers can grant access remotely, or block lost and stolen keys, using just a simple, web-based interface.

This minimises the wastage in time and money incurred by replacing a mechanical lock. It's easy to generate an audit trail – to record who has opened exactly which locks, and when.

Leisure

Leisure facilities require a flexible locking system capable of securing large public spaces, whilst allowing access by contract and permanent staff, to specific areas at pre-defined time periods, through day and night, 7 days a week.

Traditional mechanical key systems place a huge burden on security and administration staff. Keeping track of keys held by hundreds of staff and contractors can be a full time job. ASSA CLIQ® Remote Web Manager software allows them to de-authorise any lost key or change a key's permission at any time, anywhere.

The ASSA CLIQ® Remote solution is very cost effective to install without the need for expensive cabling that can cause disruption to existing infrastructure.

Festival Place

Project
Company: Festival Place (www.festivalplace.co.uk)
Type: Shopping centre and multi-use facility
Location: Basingstoke, England
Year of installation: 2015

ASSA CLIQ® Remote devices installed: 100 dp ASSA CLIQ® Remote cylinders approximately

Challenge
Festival Place is a large, busy shopping centre in Basingstoke, England. It is in almost constant use: the site includes the Basingstoke Sports Centre (whose pool and gym open at 6:30am) and a Vue cinema, where late showings go on well after midnight. It has over 170 shops, and an ever-changing roster of staff, cleaners and maintenance workers. They require safe access on demand; Festival Place cannot function without them.

Critical demands of a locking system include:

- **A solution built for securing a large public space: Festival Place occupies 102,000 sq. m.**
- **A flexible system that ensures only the right staff gain access to the right areas at the right time**
- **A way to drastically cut the burden mechanical key management places on security staff and administrators**
- **A solution that an expert installer can supply within a tight budget without expensive cabling**

"We have plans to phase out mechanical keys altogether, replacing them with programmable ASSA CLIQ® Remote keys within two years."

Craig Allen, Security Centre Manager, Festival Place

Solution
Festival Place can't be a fortress. The public needs access to sports facilities, shops, a cinema and car parks – for 18 hours or more per day. But a single lost key can become a security threat for all tenants and users. Keeping track of so many staff and contractor keys had become a full-time job.

Installing around 100 ASSA CLIQ® Remote mechatronic cylinders was the solution. ASSA CLIQ® Remote is a security locking system with high-end microelectronics, programmable keys and cylinders. The power is provided by a standard battery inside the programmable ASSA CLIQ® Remote key. ASSA CLIQ® Remote keys are programmable. Cleaners and maintenance contractors now use keys that unlock specific doors for pre-defined time periods only. After those end, the key no longer works. Administrators can immediately de-authorise any lost key, or change a key's permissions. A copied key won't open any ASSA CLIQ® Remote lock without authorisation from the system.

At Festival Place, ASSA CLIQ® Remote technology is backed up by the unrivalled security credentials of ASSA's mechanical dp cylinders. ASSA CLIQ® Remote operates as a flexible, programmable electronic overlay that puts security managers in control of their premises, round the clock and at the click of a mouse.

ASSA ABLOY is the global
leader in door opening solutions,
dedicated to satisfying
end-user needs for security,
safety and convenience

ASSA ABLOY

CLIQ® Remote is a security locking system with high-end microelectronics, programmable keys and cylinders. The system offers a variety of combinations of mechanical and electronic systems to match different security and flexible access needs. Available on the global market place, it provides flexible access and key management solutions for all kinds of locking applications. A wire free system, each key can be programmed and updated individually to allow access to specific areas at specific times and dates, accommodating constantly changing access requirements and ensuring maximum flexibility. The power is provided by a battery inside the programmable **CLIQ®** Remote key.

The intuitive software makes it simple to manage access rights, enable and disable keys and customise access schedules, on site or on the go. **ASSA ABLOY** can also host your data securely for complete peace of mind.

ASSA ABLOY

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience. Since its formation in 1994, **ASSA ABLOY** has grown from a regional company into an international group with about 47,000 employees, operations in more than 70 countries and sales close to SEK 57 billion. In the fast-growing electromechanical security segment, the Group has a leading position in areas such as access control, identification technology, entrance automation and hotel security.